

Converting Colors

XYZ(16.7281, 17.8558, 23.9874)

Have a look what the booklet for
XYZ(16.7281, 17.8558, 23.9874)
contains.

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Color

**XYZ(16.7570, 17.9581,
24.0558)**

Conversions

Conversions Part 1

Format	Color
Hex	6B7783
RGB	107, 119, 131
RGB Percent	42%, 47%, 51%
CMY	0.5804, 0.5333, 0.4863
CMYK	0.18, 0.09, 0.00, 0.49
HSL	210°, 10%, 47%
HSV	210°, 18%, 51%
XYZ	16.7570, 17.9581, 24.0558
YIQ	116.7800, -11.0040, 1.1880

Conversions

Conversions Part 2

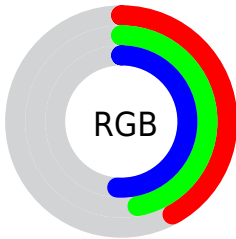
Format	Color
R_{YB}	107, 115, 131
Decimal	7042947
CIE Lab	49.45, -1.73, -8.07
CIE LCh	49, 8.253, 257.918
Yxy	17.9581, 0.2851, 0.3056
Android (android.graphics.Color)	4285233027 (0xFF6B7783)
YUV	116.7800, 7.0105, -8.5771
Hunter-Lab	42.3770, -3.5761, -3.9928

Details

The XYZ color **16.7570, 17.9581, 24.0558** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.6110, 19.0807, 16.6125**, and the grayscale version is **16.8223, 17.6984, 19.2736**.

A 20% lighter version of the original color is **37.5127, 39.9574, 51.0828**, and **5.5799, 6.0455, 8.8554** is the 20% darker color. If you saturate the color by 10%, you get **14.5471, 15.7017, 23.7370**, and if you desaturate by 10%, it is **19.2604, 20.4464, 24.4044**.

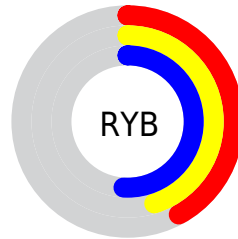
Distribution



Red (42%)

Green (47%)

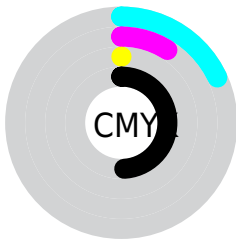
Blue (51%)



Red (42%)

Yellow (45%)

Blue (51%)

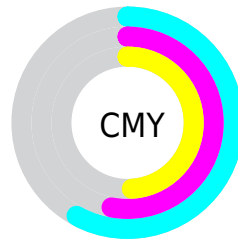


Cyan (18%)

Magenta (9%)

Yellow (0%)

Black (49%)



Cyan (58%)

Magenta (53%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.7570, 17.9581, 24.0558 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 16.7570, 17.9581, 24.0558 by changing the saturation by 10% instead.

■ 16.7570, 17.9581,
24.0558

■ 16.7570, 17.9581,
24.0558

226.9518,
240.6348, 286.3981

■ 10.1556, 10.9199,
15.1624

■ 37.4544, 39.9659,
51.0662

■ 5.5653, 6.0130,
8.7856

■ 52.2812, 55.7043,
70.0203

■ 2.6207, 2.8530,
4.5067

■ 70.5805, 75.1116,
93.1651

■ 0.9565, 1.0555,
1.9072

■ 92.7176, 98.5721,
120.9192

■ 0.0000, 0.0000,
0.4973

119.0579,
126.4703, 153.7009

■ 0.0000, 0.0000,
0.0000

149.9668,

159.1906, 191.9290

185.8097,
197.1173, 236.0219

■ 16.7570, 17.9581,
24.0558

■ 16.7570, 17.9581,
24.0558

■ 14.5471, 15.7017,
23.7370

■ 19.2604, 20.4464,
24.4044

■ 12.6172, 13.6674,
23.4461

■ 22.0666, 23.1718,
24.7826

■ 10.9554, 11.8478,
23.1825

■ 25.1868, 26.1418,
25.1914

■ 9.5478, 10.2341,
22.9452

■ 28.6309, 29.3630,
25.6316

■ 8.3795, 8.8168,
22.7332

■ 32.4083, 32.8418,
26.1040

■ 7.4338, 7.5855,
22.5454

■ 36.5281, 36.5842,
26.6092

■ 6.6915, 6.5283,
22.3804

■ 40.9991, 40.5961,
27.1480

■ 6.1081, 5.6205,
22.2360

■ 45.8297, 44.8832,
27.7209

■ 6.0162, 5.4776,
22.2132

■ 51.0280, 49.4509,
28.3285

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16.0842, 17.9581, 22.9135



16.7570, 17.9581, 24.0558



17.5337, 17.9581, 23.9262

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



16.7570, 17.9581, 24.0558



18.5341, 17.9581, 18.2628



15.9808, 17.9581, 16.8166

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



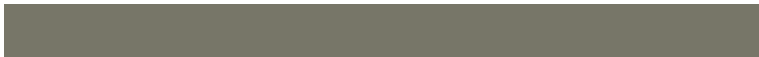
16.7570, 17.9581, 24.0558



18.6110, 19.0807, 16.6125

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16.6119, 17.9581, 15.7486



16.7570, 17.9581, 24.0558



18.0924, 17.9581, 16.5388

Square

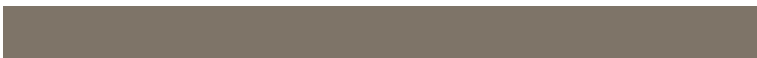
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16.7570, 17.9581, 24.0558



18.5758, 17.9581, 20.4651



17.3841, 17.9581, 15.6509



15.6453, 17.9581, 18.6690

Rectangle

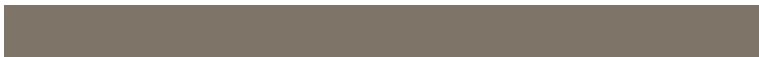
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16.7570, 17.9581, 24.0558



18.0059, 17.9581, 23.1369



17.3841, 17.9581, 15.6509



16.1645, 17.9581, 16.3603

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



16.7575, 17.9588, 24.0562



36.0410, 38.1316, 43.9137



17.4859, 20.6811, 20.3978



8.3223, 8.8107, 10.2147



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



16.7575, 17.9588, 24.0562



28.2885, 30.4178, 42.8334



15.4601, 15.3641, 23.6237



4.6125, 4.9007, 5.9036



5.9246, 5.3971, 21.8662



0.0278, 0.0333, 0.0782

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



17.9480, 16.6731, 19.7258



30.8577, 27.7572, 33.4619



20.0769, 22.0125, 17.1012



4.7624, 4.7247, 5.3614



10.1686, 5.1318, 5.4601



0.0389, 0.0192, 0.0383

Previews

White Background



This preview shows how the XYZ color 16.7570, 17.9581, 24.0558 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 16.7570, 17.9581, 24.0558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

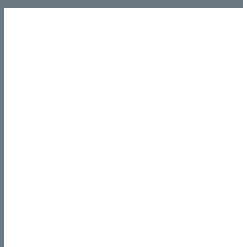
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.7570, 17.9581, 24.0558

Background



This preview shows how black text looks on a background with the XYZ color 16.7570, 17.9581, 24.0558.

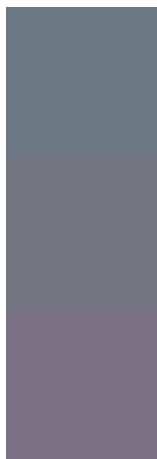


This preview shows how white text looks on a background with the XYZ color 16.7570, 17.9581,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

16.7570, 17.9581, 24.0558

Protanopia

17.5262, 18.0206, 23.3235

Deuteranopia

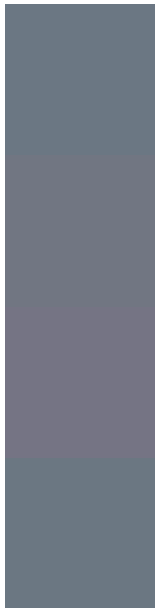
18.2082, 17.8381, 24.3132



Tritanopia

16.6227, 17.9044, 23.3487

Trichromacy



Original Color

16.7570, 17.9581, 24.0558

Protanomaly

17.3177, 18.0793, 23.6960

Deuteranomaly

17.7464, 17.9386, 24.3570

Tritanomaly

16.6895, 17.9312, 23.7005

Monochromacy



Original Color

16.7570, 17.9581, 24.0558

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.8013, 17.8727, 20.9766

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.7570, 17.9581, 24.0558 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(107, 119, 131)` looks like.

```
.text, #text, p{  
    color:rgb(107, 119, 131)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(107, 119, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 119, 131) }
```

Border

The CSS property to change the border of an element to XYZ 16.7570, 17.9581, 24.0558 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(107, 119, 131) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(107, 119, 131) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(107, 119, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 119, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 119, 131);  
box-shadow:4px 4px 4px 4px rgb(107, 119,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 16.7570, 17.9581, 24.0558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 119, 131) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(107,  
119, 131) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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